AMENDMENTS TO THE CLAIMS

Claims Pending:

- At time of the Action: Claims 18-27 and 35-42
- Amended Claims: Claims 18 and 35
- Cancelled Claims: Claims 19
- After this Response: Claims 18, 20-27, and 35,-42

The following listing of claims replaces all prior versions and listings of claims in the application.

1.-17. (Withdrawn)

18. (Currently Amended) One or more computer-readable media comprising computer-executable instructions stored that, when executed on a computer, perform the following steps:

creating an object model that maps object properties to an object template that conforms to a query protocol, wherein the object conforms to an object protocol that is different than the query protocol;

identifying a query value;

referencing the object template to locate an object property corresponding to the query value;

identifying a property value assigned to the object property; and

evaluating the property value against the query value to determine if the query is satisfied by the property value;

wherein the object properties are mapped to the object template and the property value is evaluated against the query without serializing object data.

19. (Cancelled).

20. (Original) The one or more computer-readable media as recited in claim 18, wherein the query protocol is eXtensible Markup Language (XML) and the object protocol is Common Language Runtime (CLR).

21. (Original) The one or more computer-readable media as recited in claim 18, wherein the object model is an infoset model that corresponds to the object.

22. (Original) The one or more computer-readable media as recited in claim 18, wherein the creating an object model further comprises creating only a portion of the object model that is necessary to discover the object property tested by the query.

23. (Original) The one or more computer-readable media as recited in claim 18, further comprising storing the object model so that it can be retrieved for future query evaluations against the object to avoid having to re-create the object model.

24. (Original) The one or more computer-readable media as recited in claim 18, wherein the creating an object model further comprises retrieving a partially completed version of an object model and augmenting the object model to an extent necessary to locate the object property that corresponds to the query value.

25. (Original) The one or more computer-readable media as recited in claim 18, further comprising:

generating one or more opcodes to perform the referencing step, the identifying a property value step and the evaluating step;

storing the one or more opcodes in memory; and

wherein the opcodes can be retrieved and utilized to perform similar steps in a subsequent query evaluation involving the object.

26. (Original) The one or more computer-readable media as recited in claim 25, wherein the opcodes can be compiled and executed dynamically at runtime.

27. (Original) The one or more computer-readable media as recited in claim 18, wherein the query further comprises an XPath filter.

28.-34. (Withdrawn).

35. (Currently Amended) A method, comprising:

mapping object properties to template elements;

identifying a query value in a query against which the object is to be evaluated;

referencing the template to identify an element corresponding to the query value;

identifying an object property value corresponding to the identified template element;

comparing the object property value to the query value to evaluate at least a portion of the query; and

wherein the object is derived from an object language, the query is derived from a query language, and the steps are accomplished without serializing data included with or referenced by the object;

wherein the object properties are mapped to the template elements and the object property value is evaluated against the query without serializing object data.

36. (Original) The method as recited in claim 35, wherein the object language further comprises a Common Language Runtime (CLR) language.

37. (Original) The method as recited in claim 35, wherein the query language further comprises eXtensible Markup Language (XML).

38. (Original) The method as recited in claim 35, wherein the query language is XPath.

39. (Original) The method as recited in claim 35, further comprising using an object infoset model that references object properties to map the object properties to template elements.

40. (Original) The method as recited in claim 39, further comprising building the infoset model at least to the extent necessary to identify the correct object property value.

41. (Original) The method as recited in claim 39, further comprising retrieving the infoset model from memory.

42. (Original) The method as recited in claim 39, further comprising:

retrieving a partial infoset model from memory; and

if the object property value cannot be identified from the partial infoset, augmenting the infoset model at least to the extent necessary to identify the correct object property value.